

What is claimed is:

1. A method for manufacturing a nucleic acid array for detecting nucleic acids by hybridization comprising:
 - providing a substrate in which maleimide groups are formed on a surface;
 - immobilizing single-stranded nucleic acid probes for hybridizing to the nucleic acids on a first region of the surface covalently;
 - after said immobilizing single-stranded nucleic acid probes, hydrolyzing maleimide groups formed on the second region where said single-stranded nucleic acid probes are not immobilized.
2. A method for manufacturing a nucleic acid array according to claim 1, wherein said single-stranded nucleic acid probes are bonded via thioether linkage to said maleimide groups.
3. A method for manufacturing a nucleic acid array according to claim 1, wherein said maleimide groups is hydrolyzed in an alkaline solution.